

**Fig. 1**

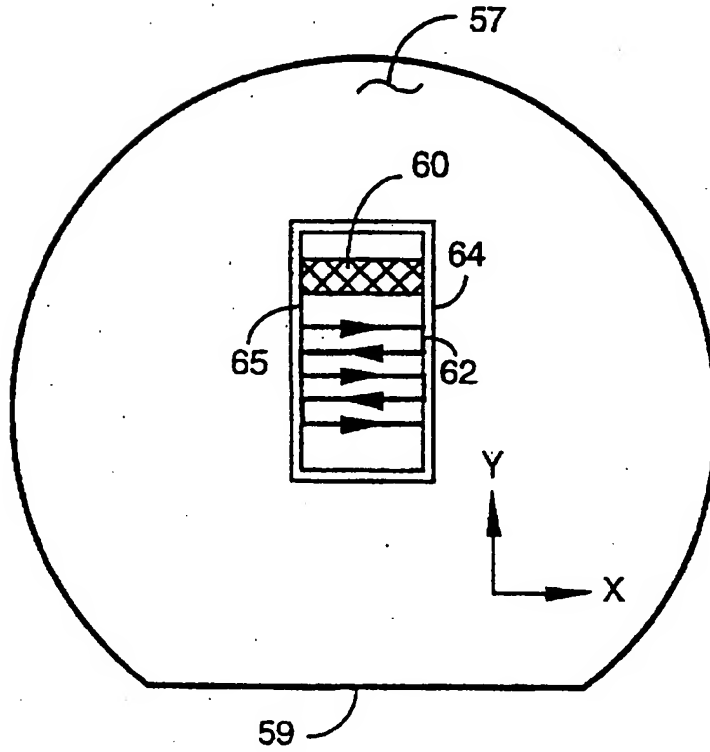


Fig. 2

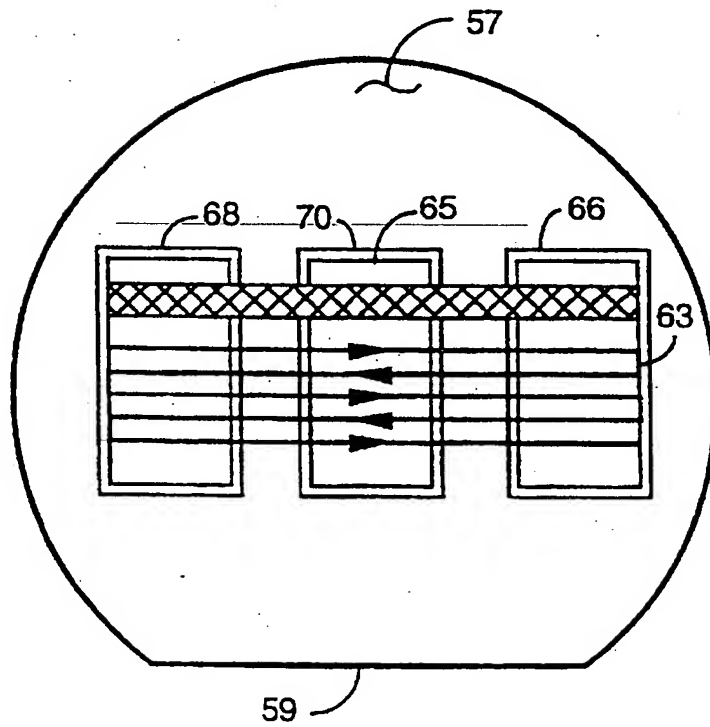
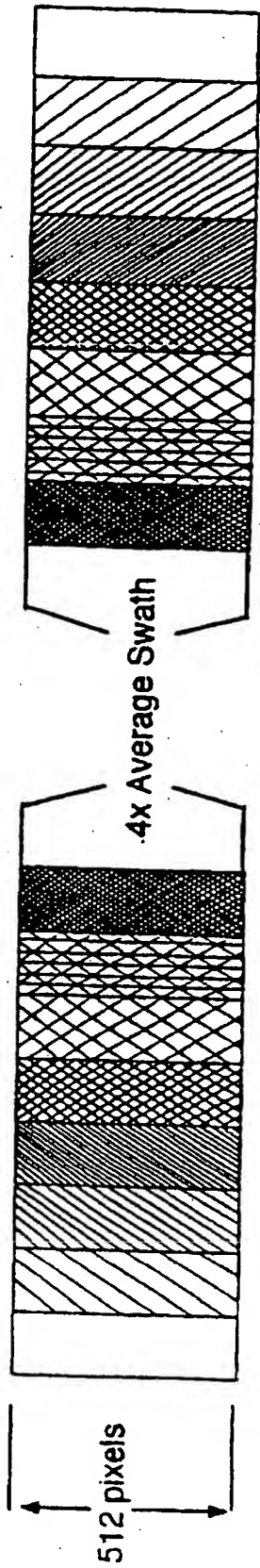


Fig. 3a



**Figure 3b**

X deflection value

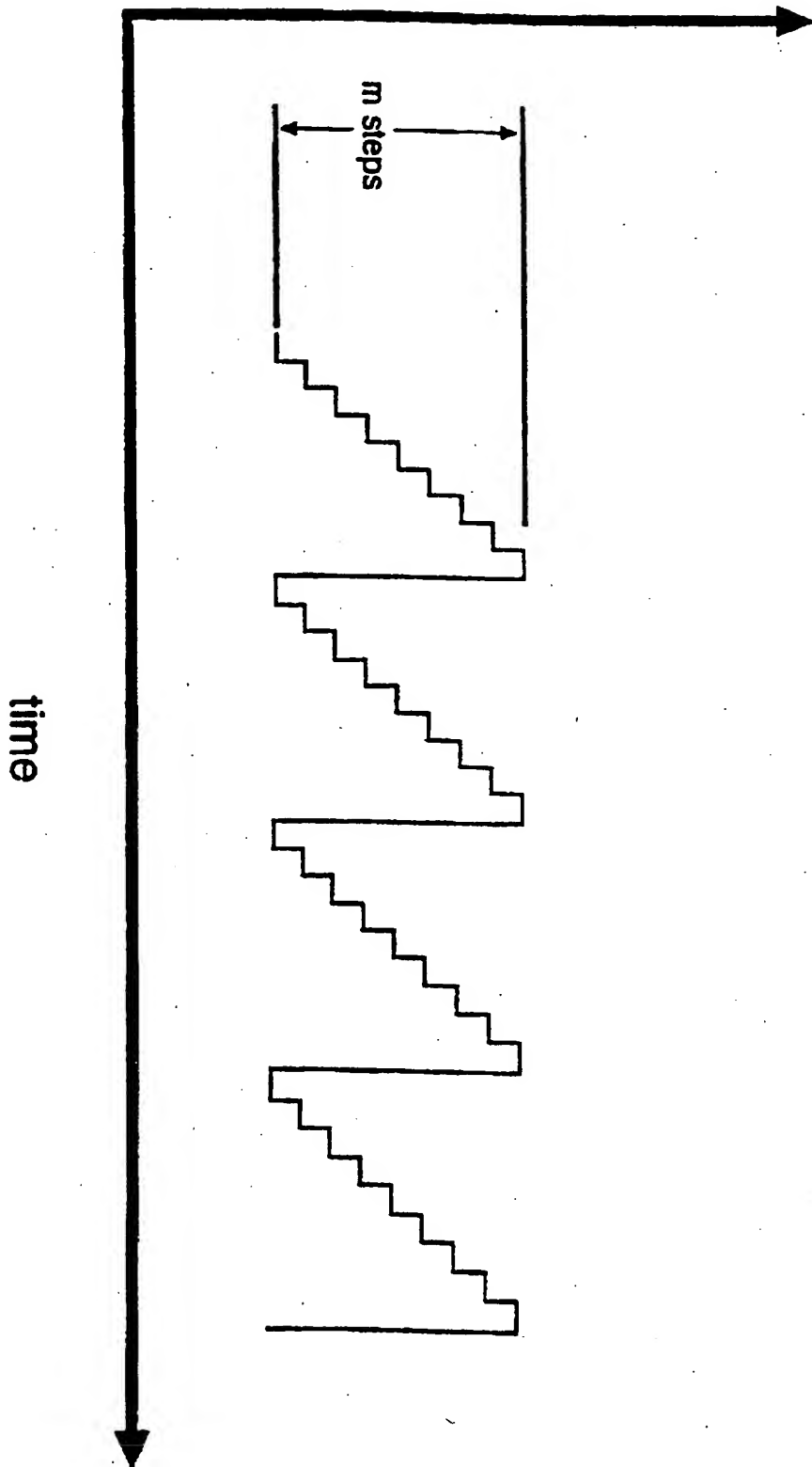
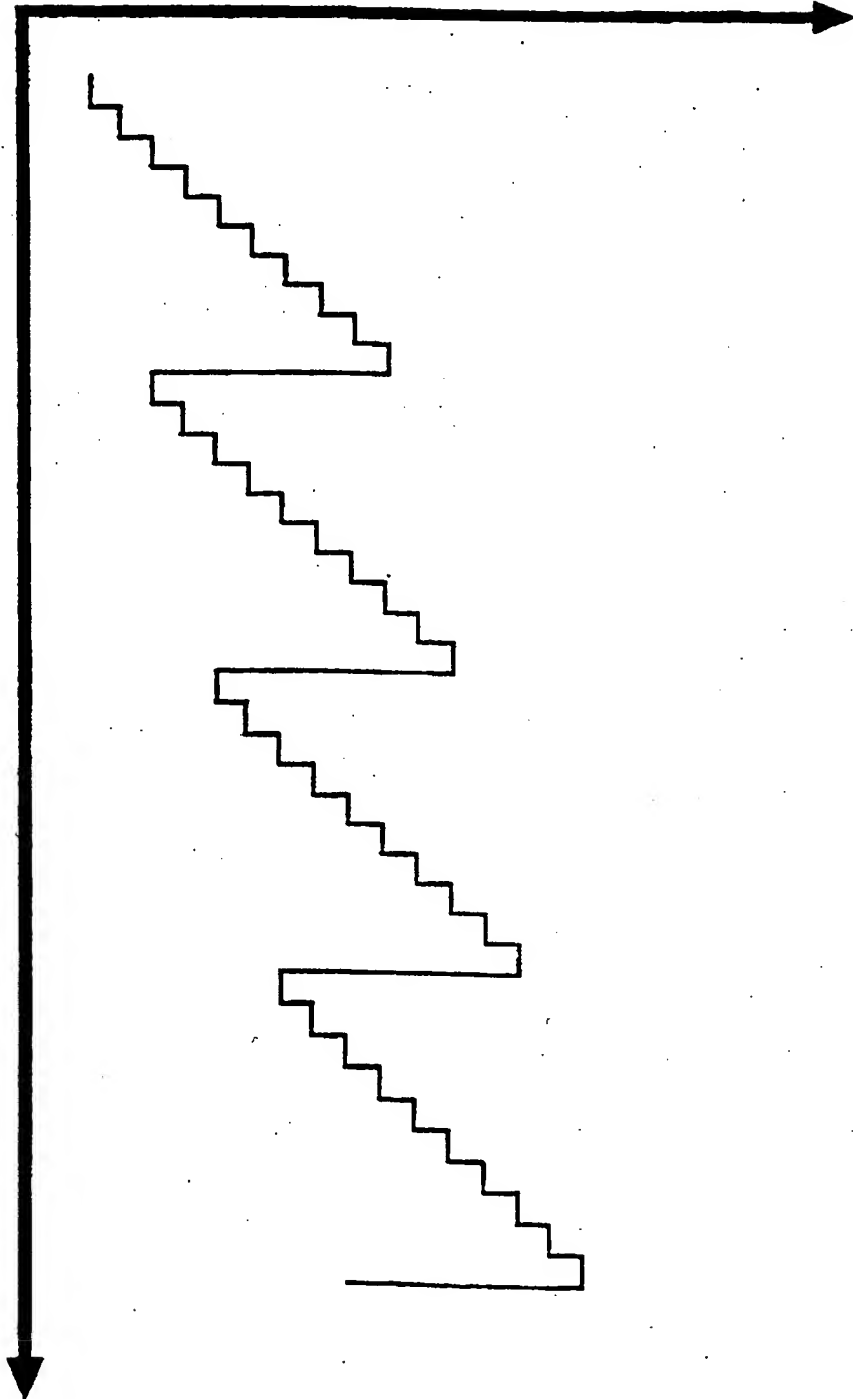


Figure 3c

X position on substance

time

Figure 3d



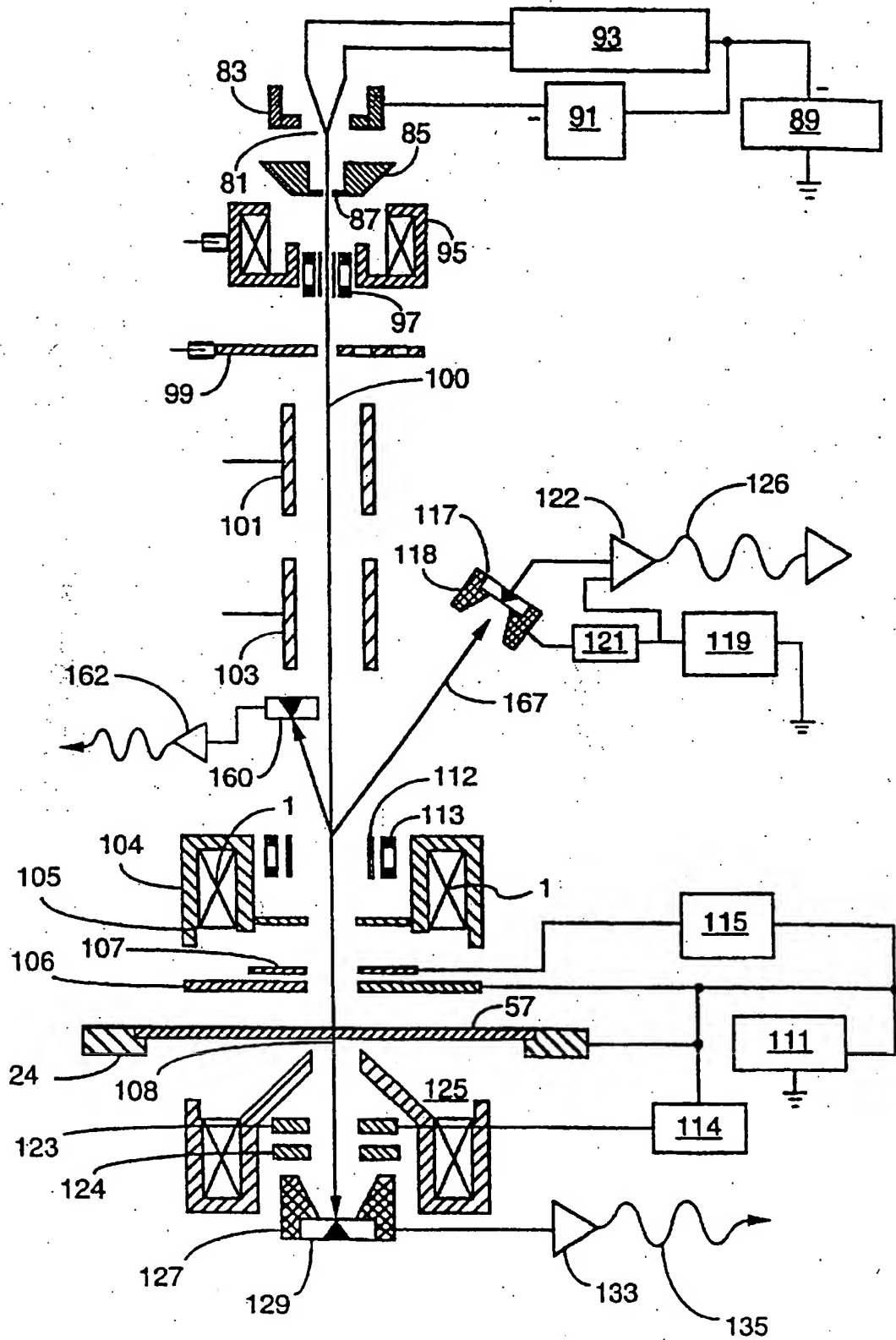


Fig. 4

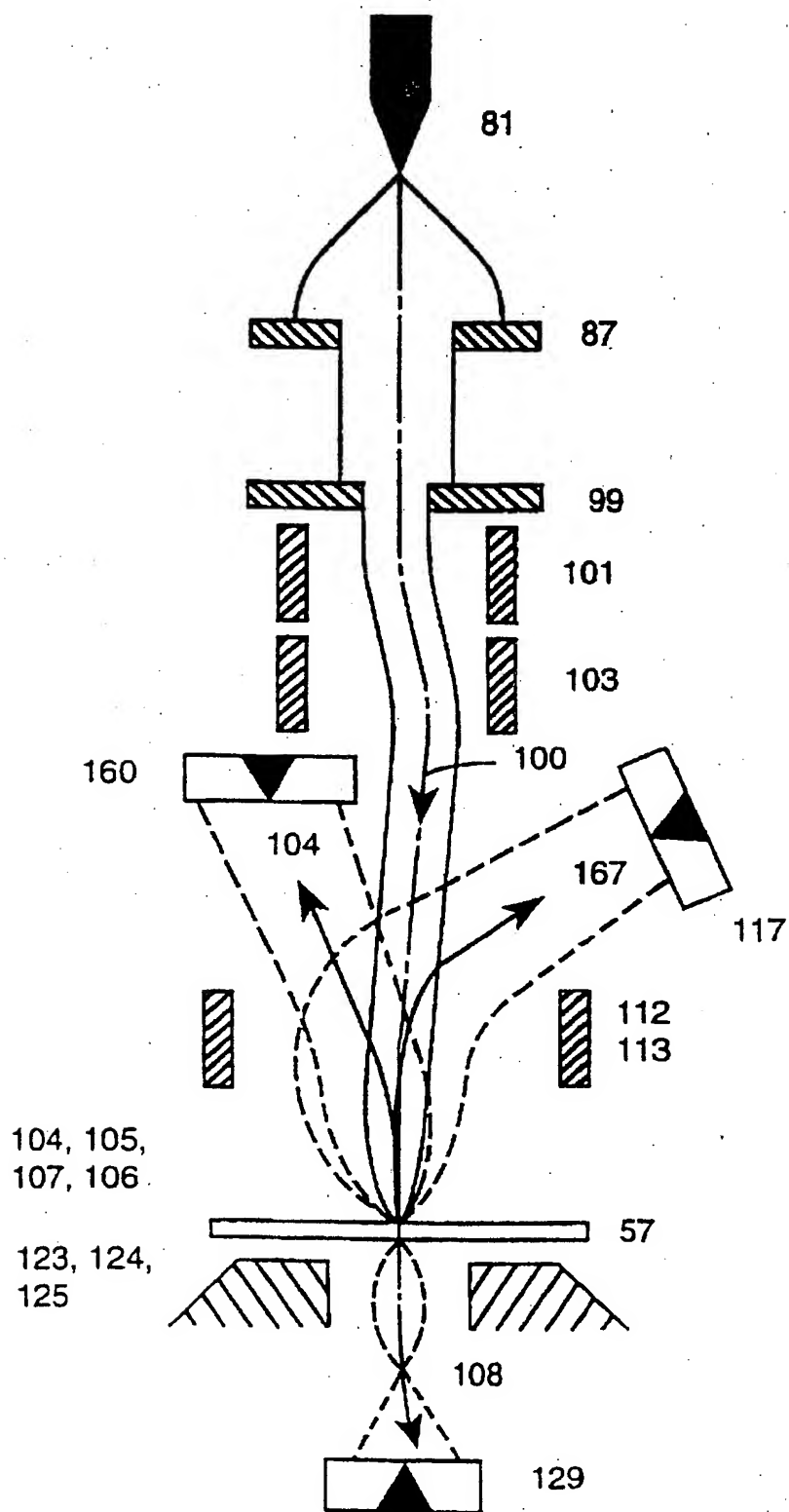


Fig. 5

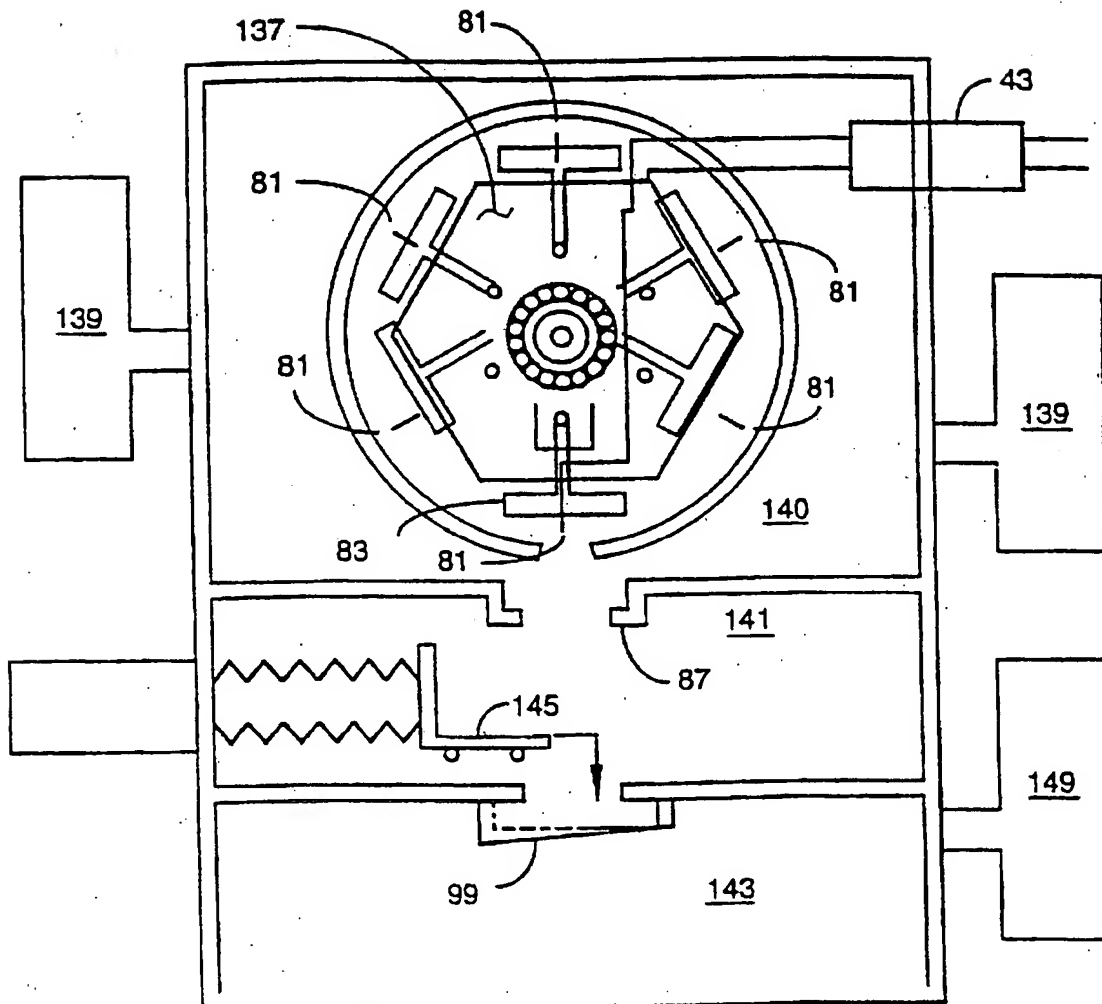


Fig. 6



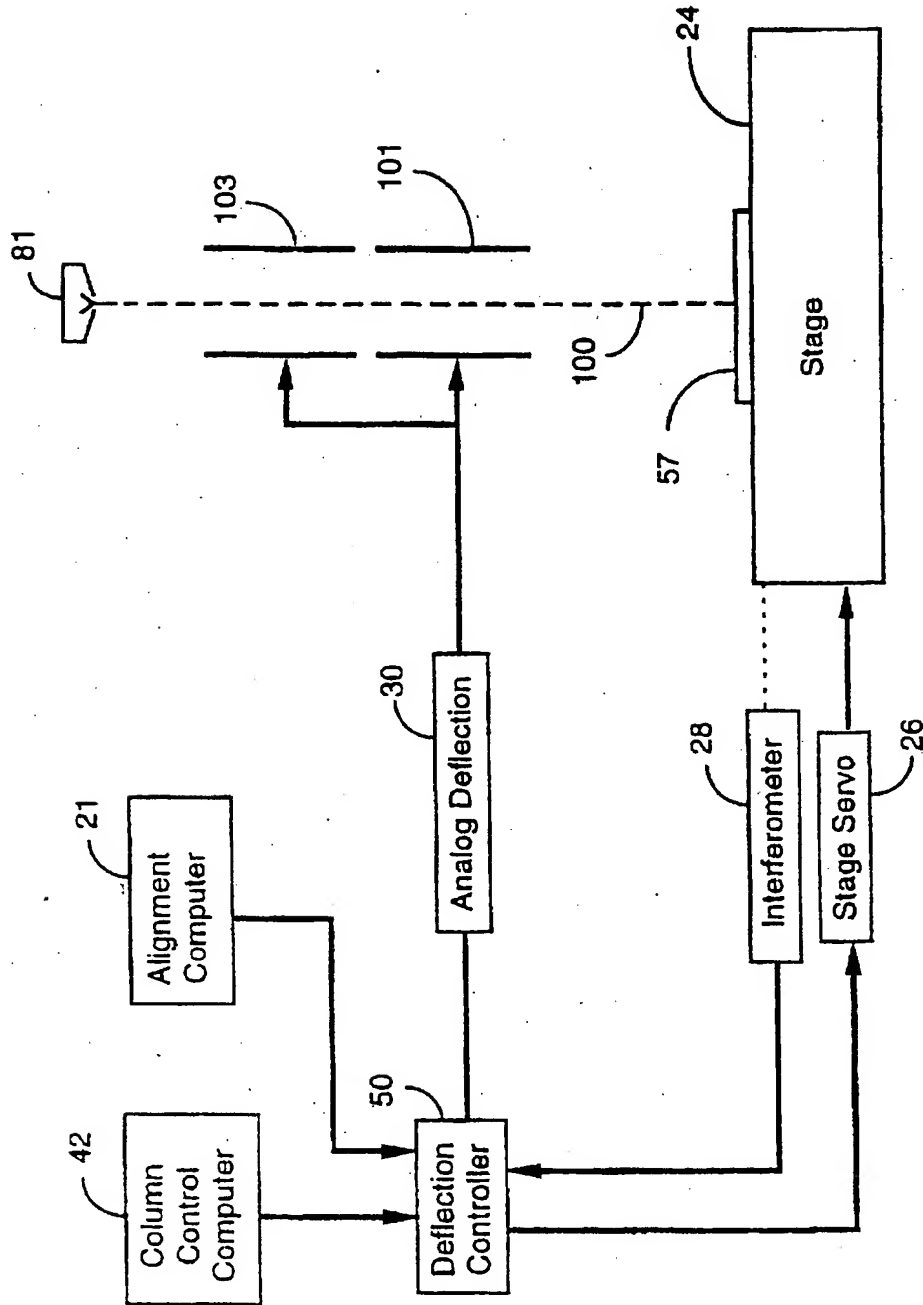


Fig. 7

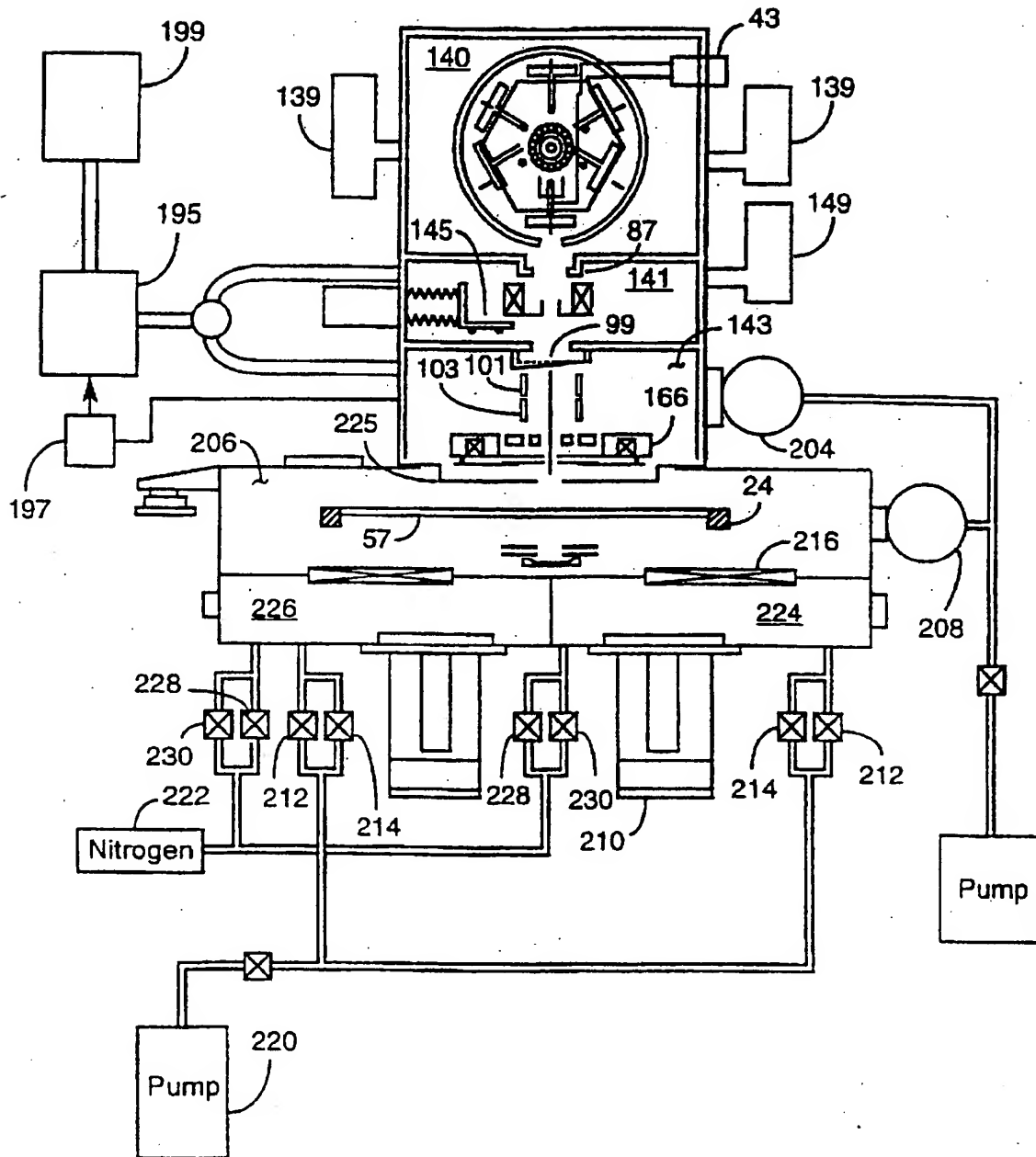


Fig. 8

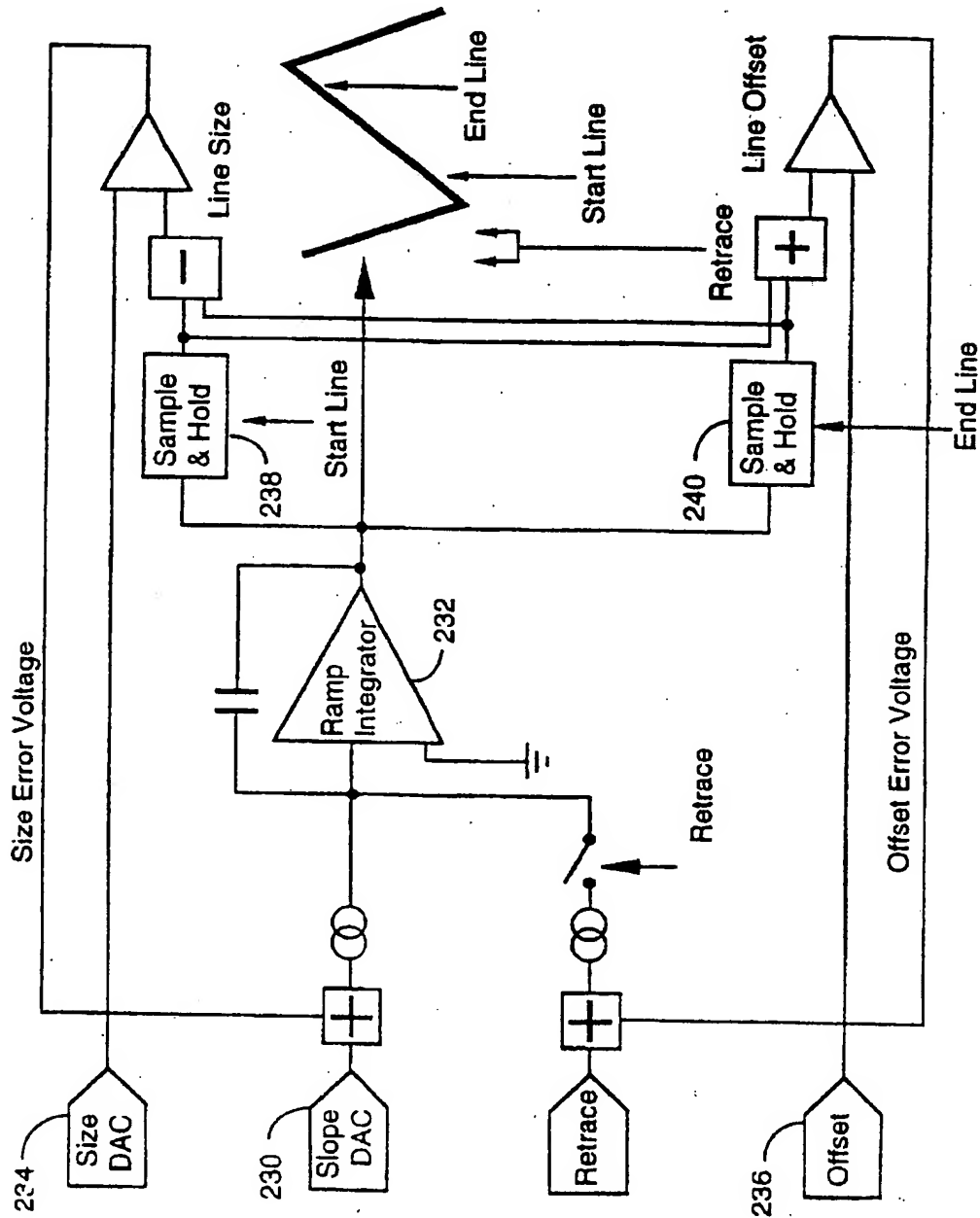


Fig. 9

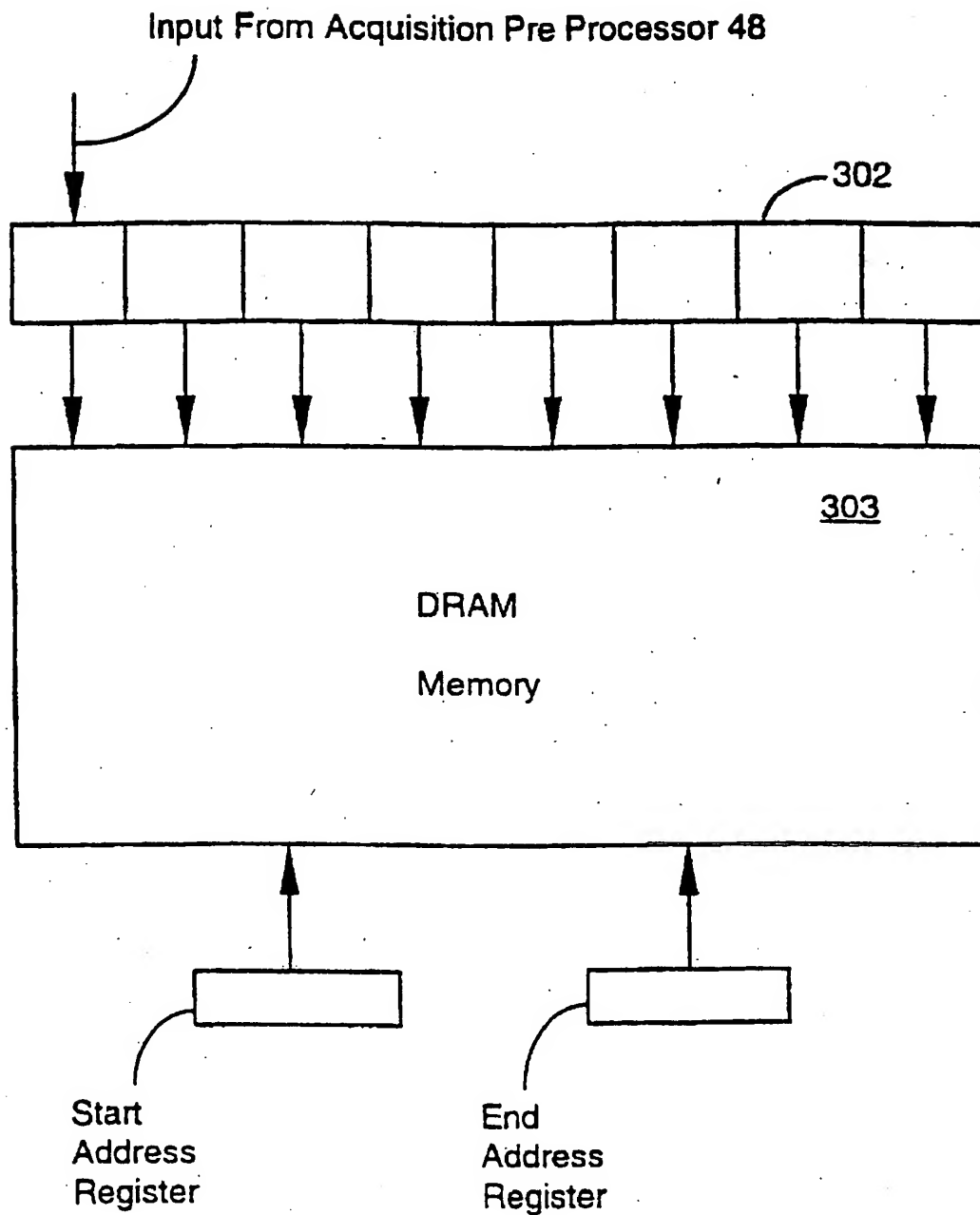


Fig. 10

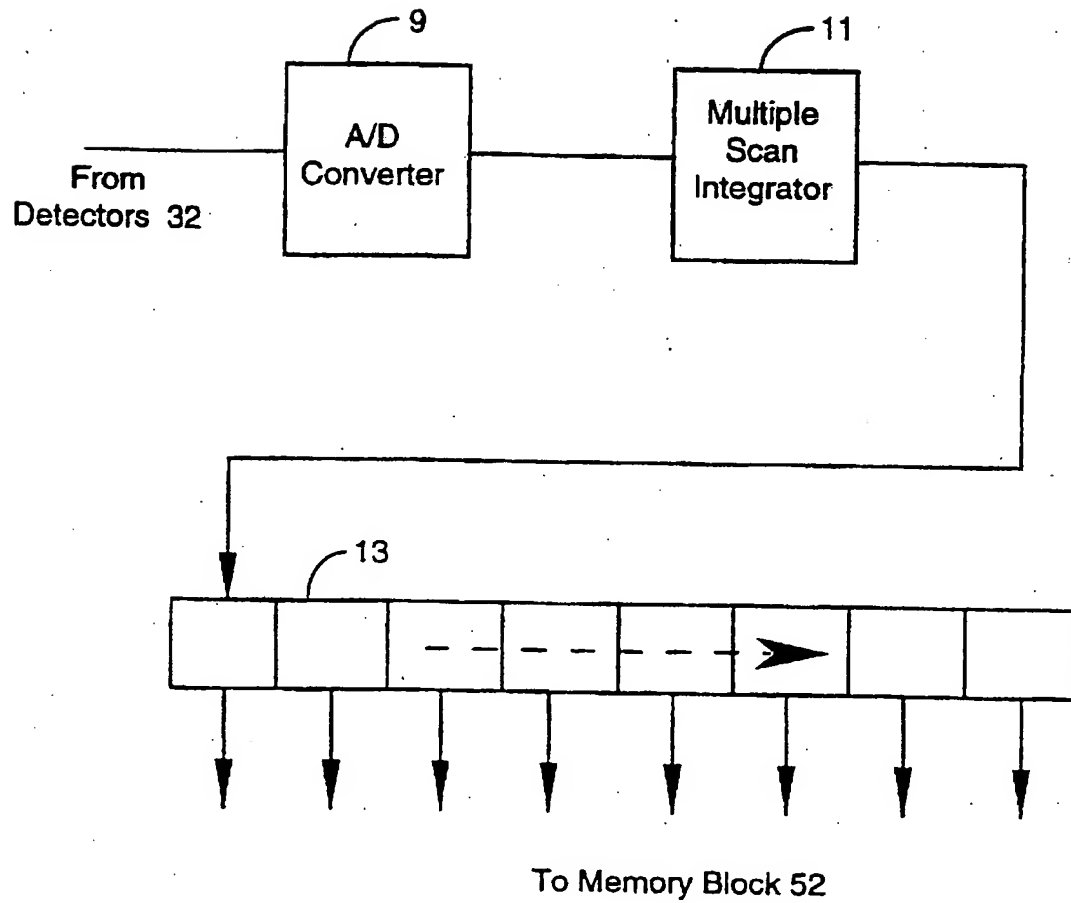


Fig. 11

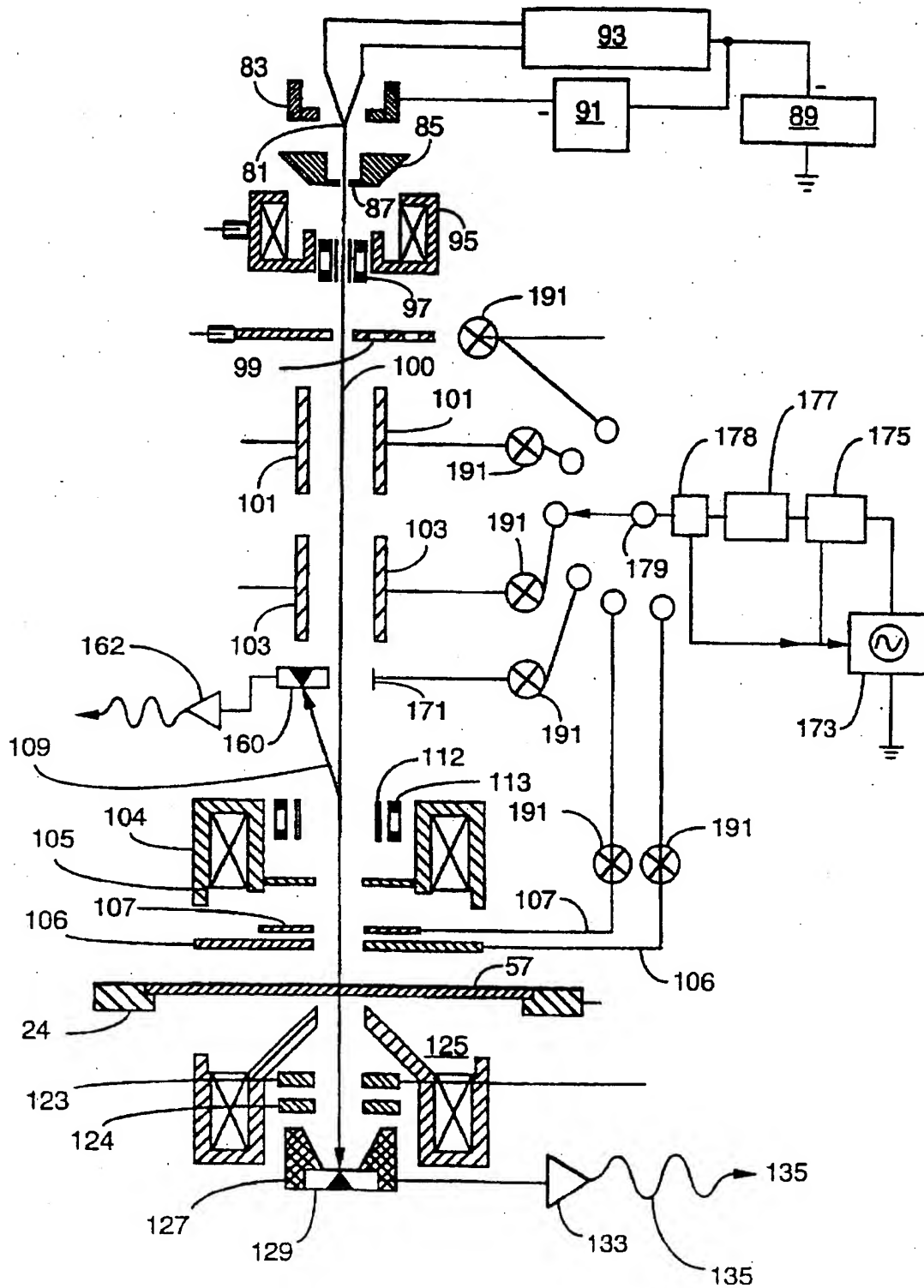


Fig. 12

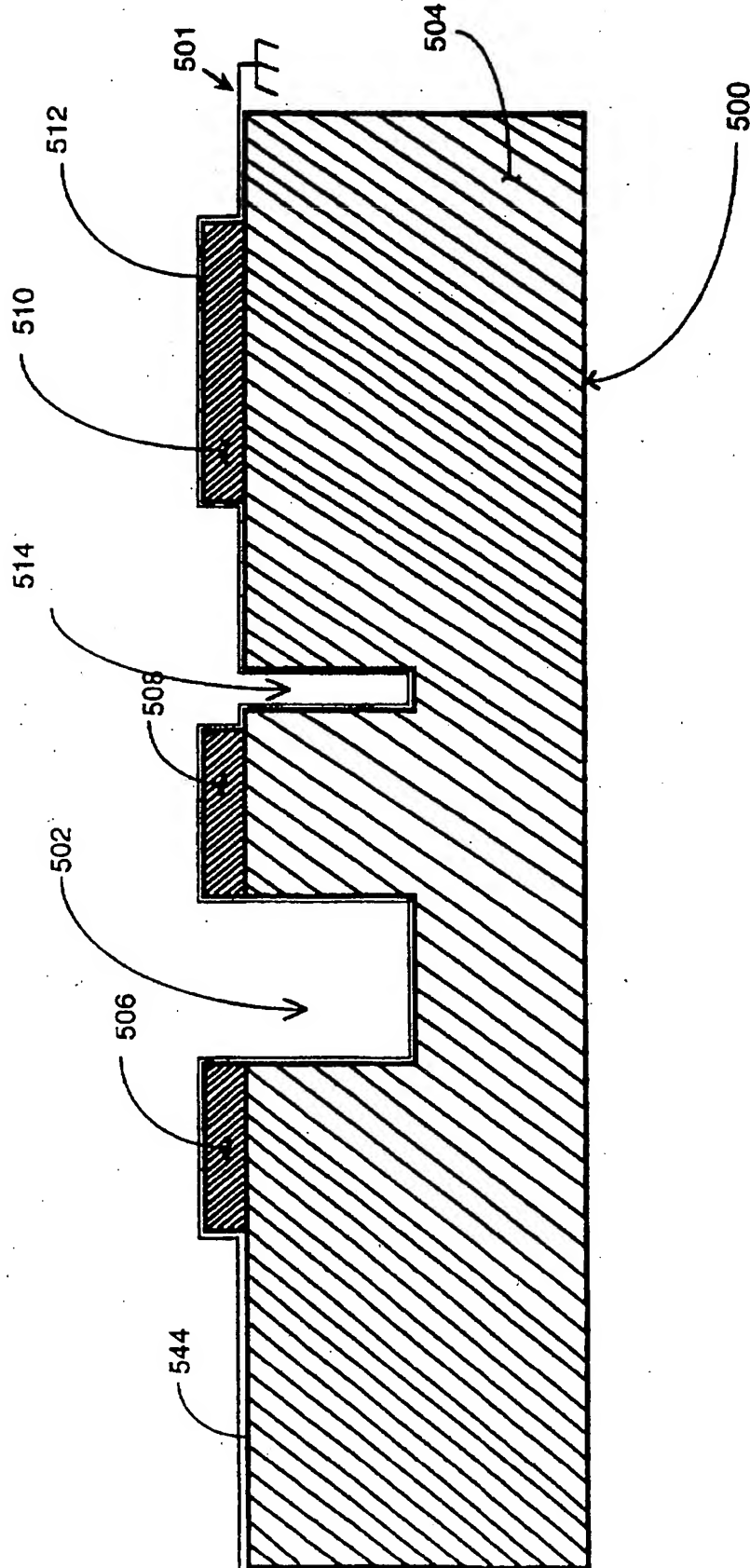


Fig. 13

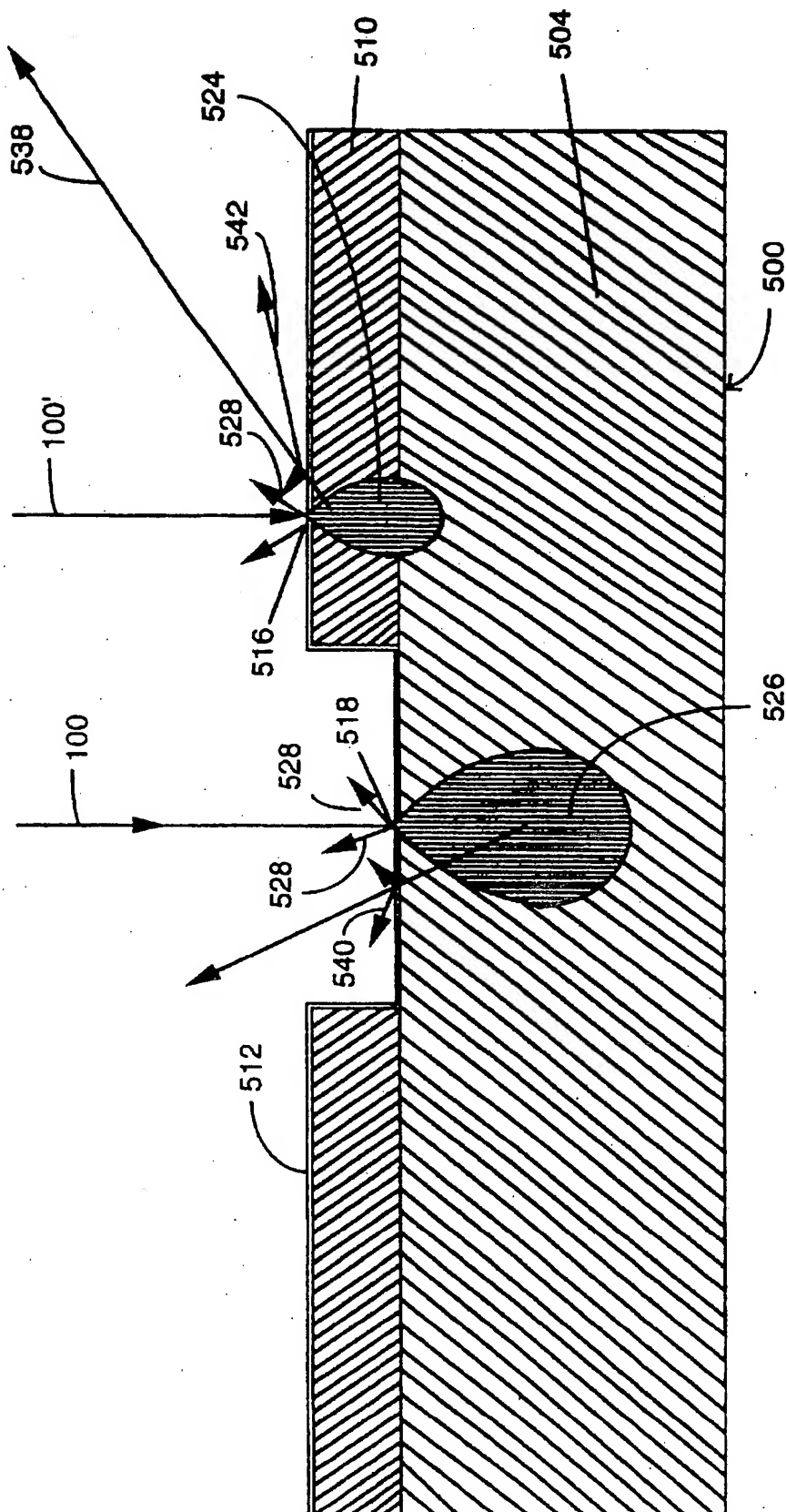
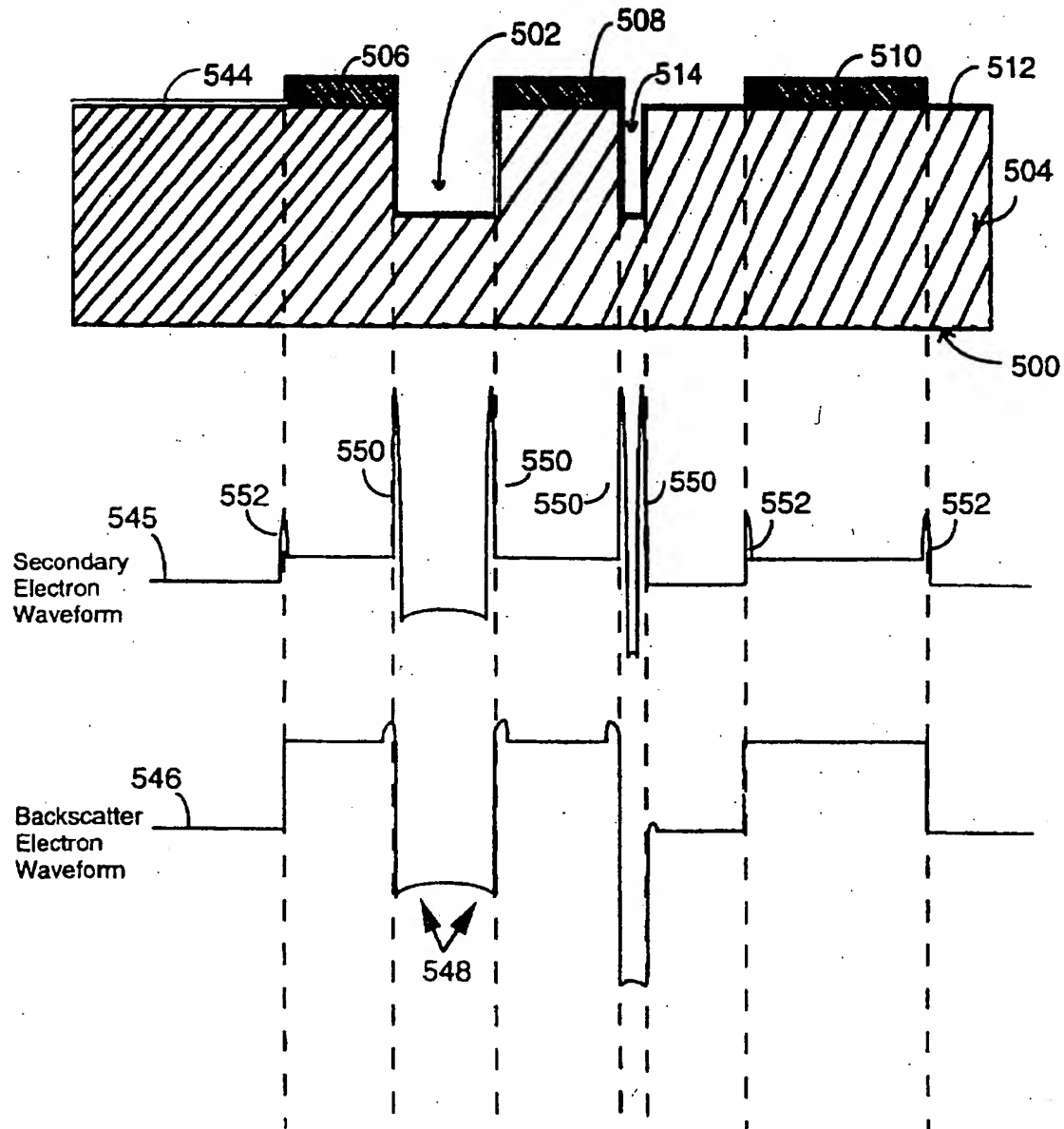


Fig. 14





**Fig. 15**

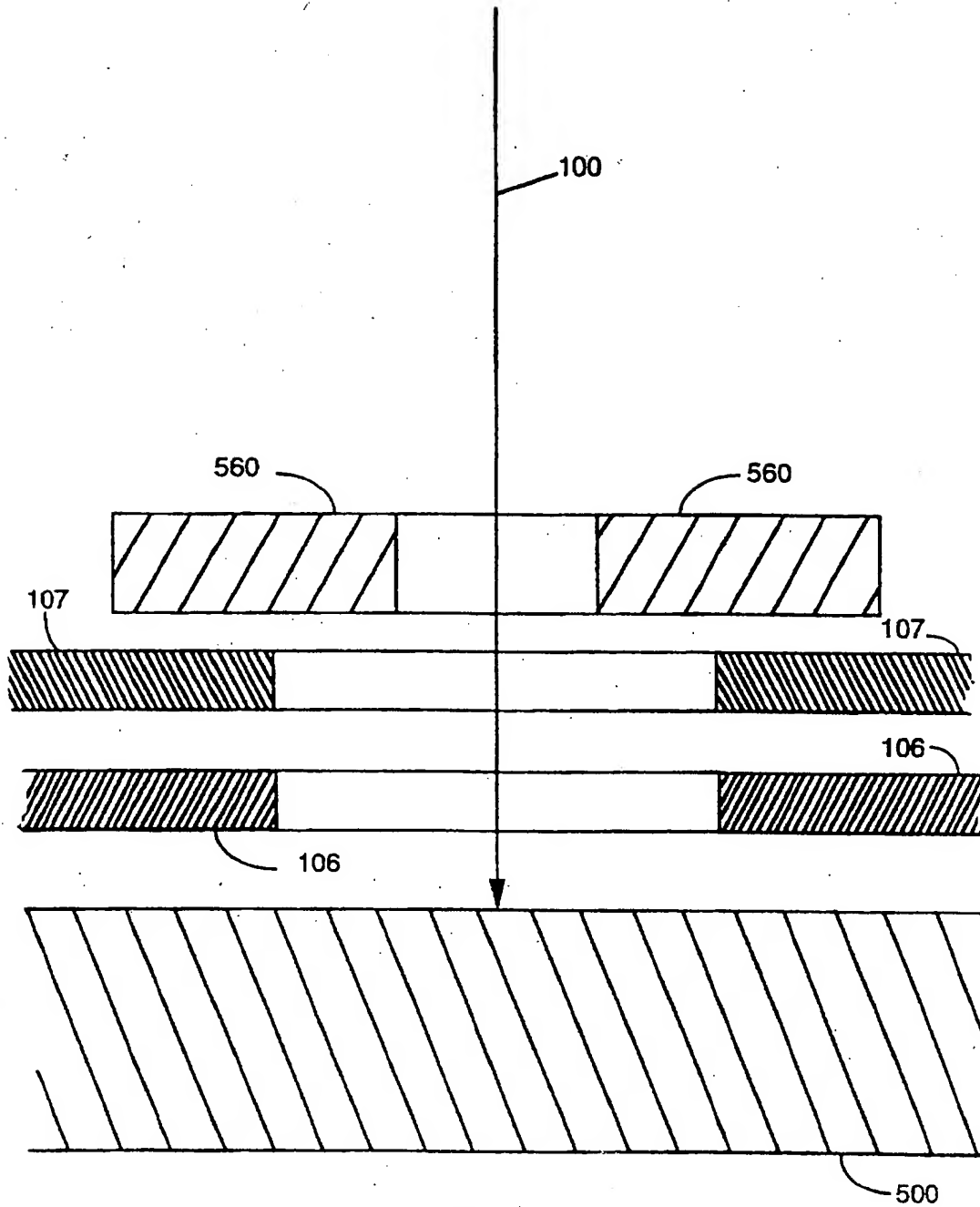


Fig. 16

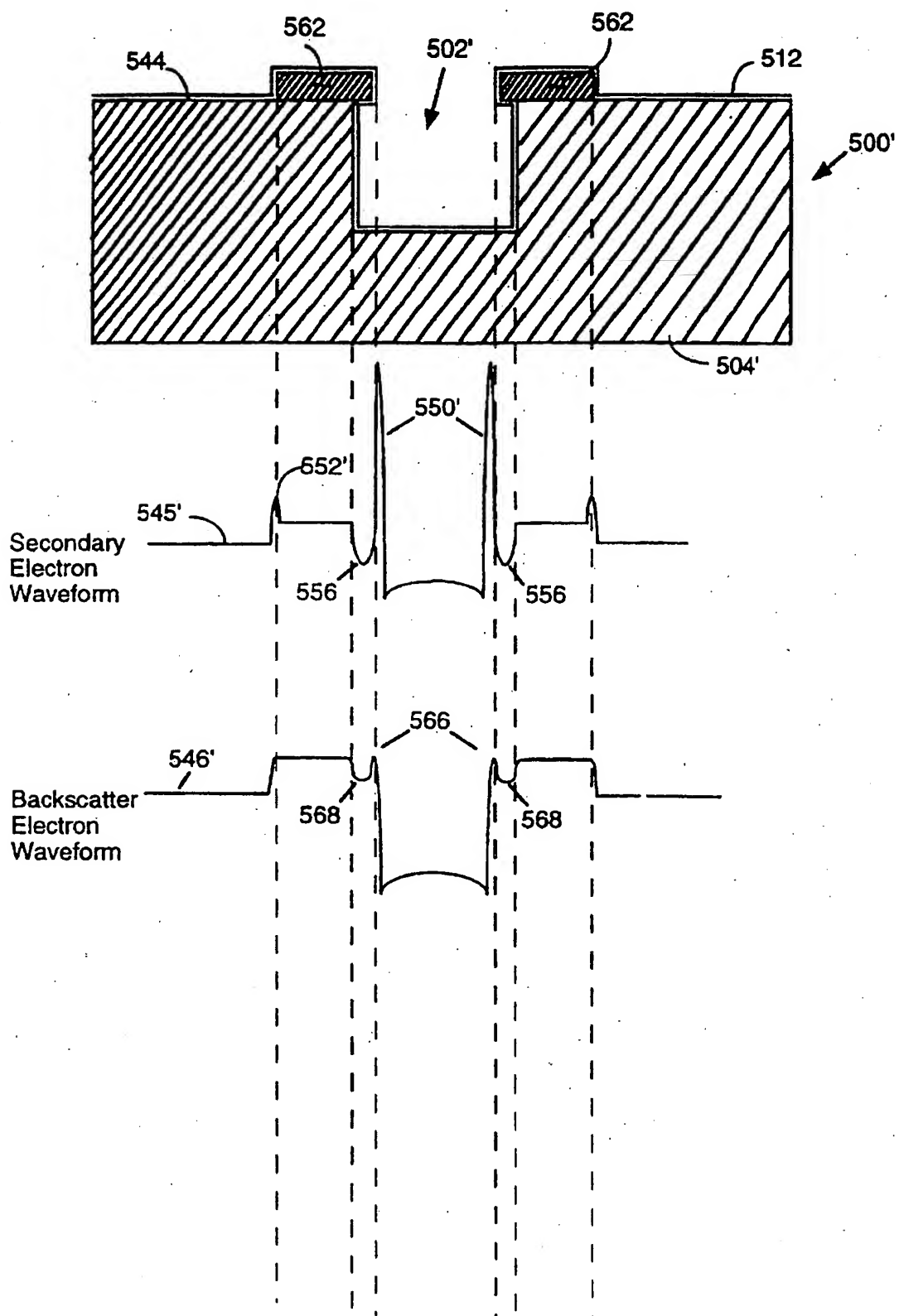
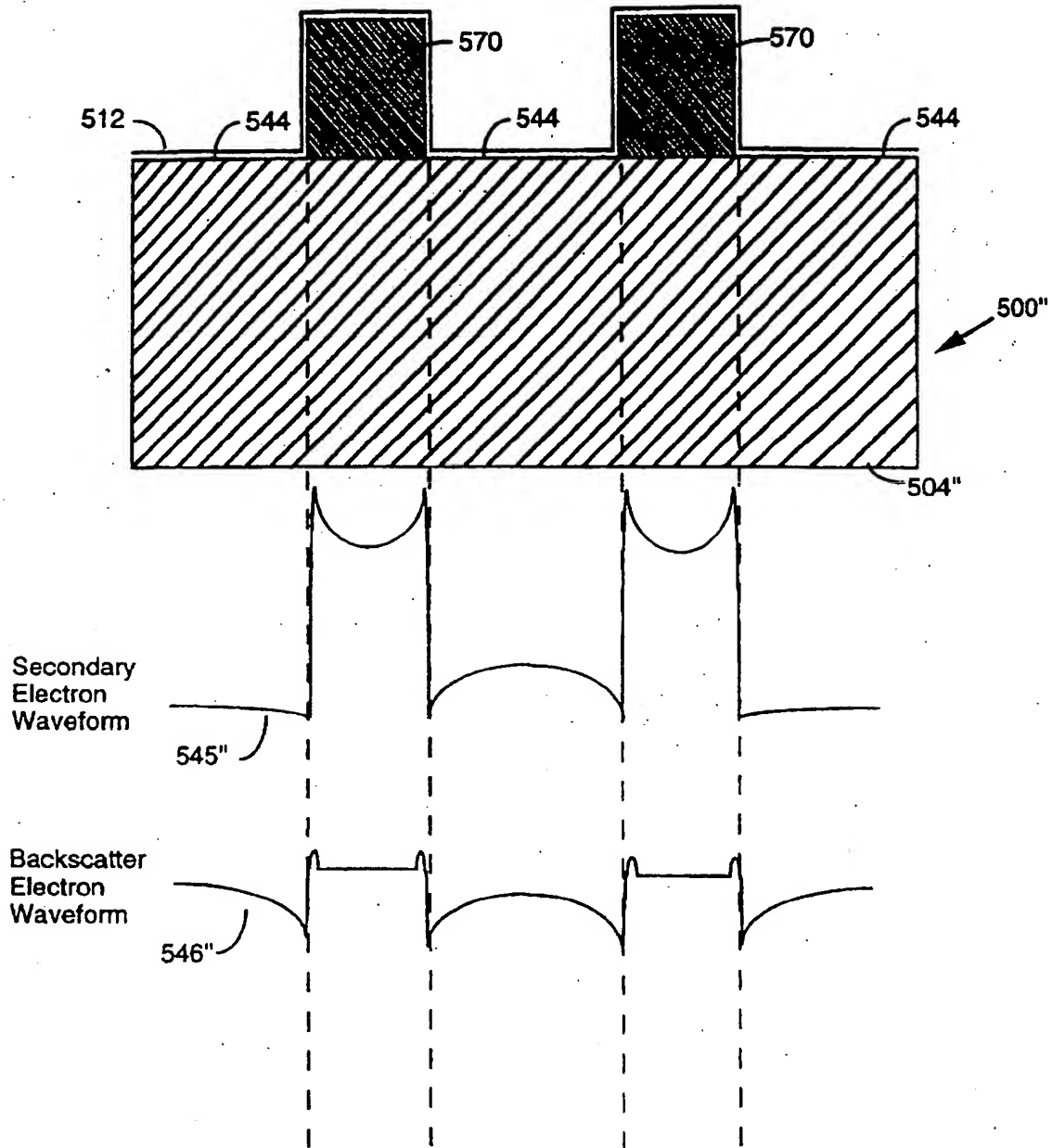


Fig. 17



**Fig. 18**